PATENT

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Device for displaying images with recovery of capacitive energy

ABSTRACT

Device comprising a display panel (1), preferably organic electroluminescent with passive matrix, comprising an array of columns (X) and an array of rows (Y) of electrodes for powering an array of cells (11) and drive means (2, 3, 5) adapted for successively connecting each row electrode (Y_1, Y_2, Y_3, Y_4 ...) to one of the terminals of power supply means (4) of this panel, and during a sequence of connection of a row electrode, for simultaneously connecting one or more column electrodes (X_1, X_2, X_3, X_4 ...) to the other terminal of the power supply means, and for being able to transfer to each cell to thus be powered the charge of the intrinsic capacitors of the cells linked to the same column electrode as this cell to be powered.

Fig. 1